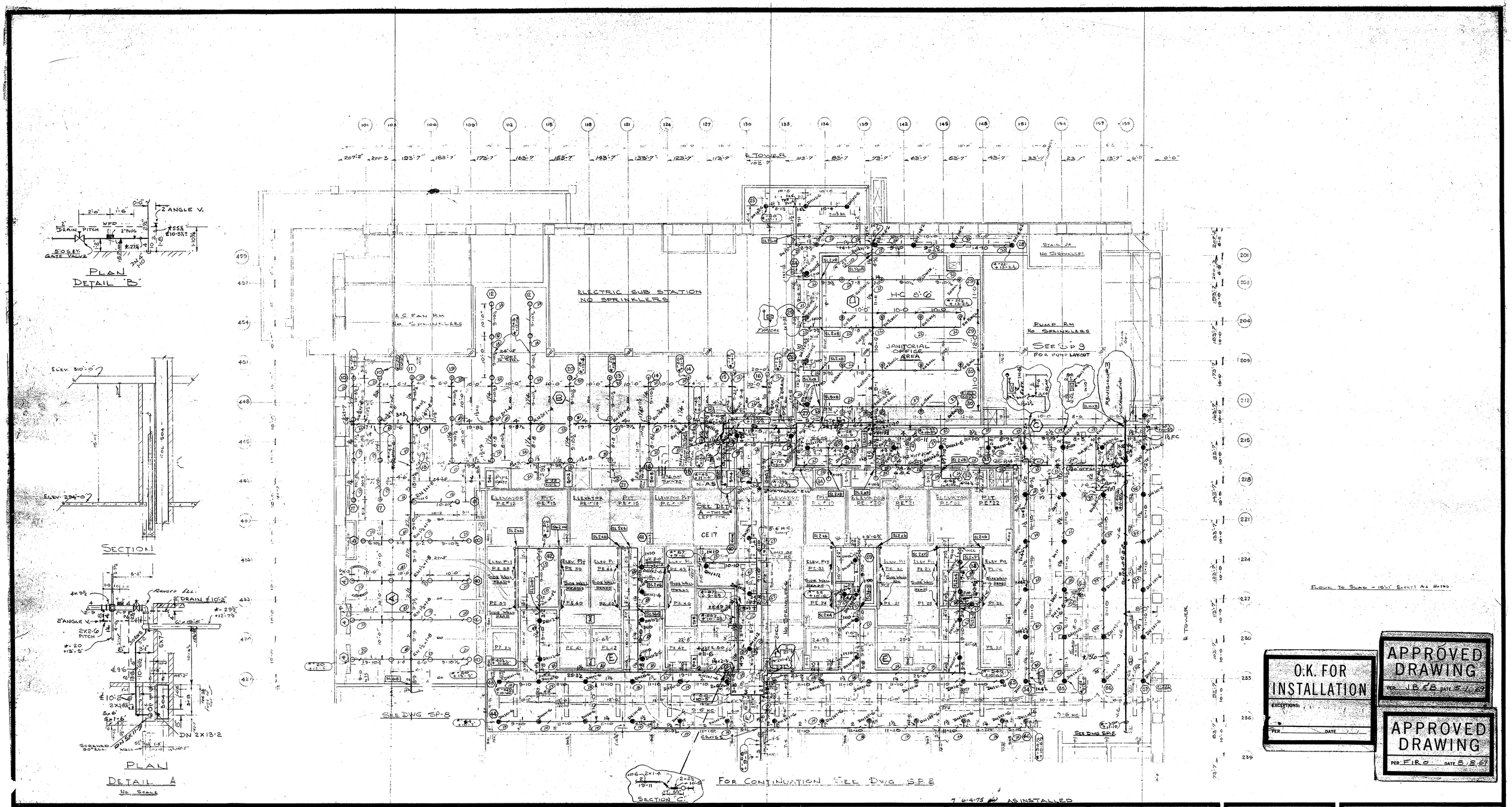
SP-7



O.K. FOR INSTALLATION
EXCEPTIONS:
PER _____ DATE ____/____/____

APPROVED DRAWING
PER IBEW DATE 8/1/67

APPROVED DRAWING
PER FIRO DATE 8/8/67

RECORD OF TRADE COORDINATION

TRADE	COMPANY	BY	DATE
HVAC	SAND-COURTER	MS	11-15-68
SHEET METAL	ALPINE-BROOK-TRIANGLE	MS	11-5-68
PLUMBING	JARCHO BROS., INC.	LE	10-25-68
ELECTRICAL	NAGER ELECTRIC CO., INC.	[illegible]	12-26-68

RECORD OF FINAL PLAN APPROVAL

AUTHORITY	BY	DATE
P.O.N.Y.A.		
J. B. & B.		
N.Y.F.I.R.O.		
EMPLOYER'S GROUP OF INSURANCE CO'S		

DATE	REV. NO.	NO. OF COPIES	DISTRIBUTED TO
	2		

DISTRIBUTION RECORD

REFERENCE DRAWINGS

INFORMATION	BY	DWG. NO.	DATE	LATEST REV. NO.	DATE
[illegible]		[illegible]	3-31-67	4	11-1-68
[illegible]		[illegible]	7-11-67	5	11-15-68
[illegible]		[illegible]	11-1-67	4	7-11-68
[illegible] (ABST)		[illegible]	8-10-67	[illegible]	12-10-68
[illegible]		[illegible]	8-15-67	4	12-6-68
[illegible]		[illegible]	1-3-68	2	12-6-68
[illegible]		[illegible]	8-31-67	2	11-6-68
[illegible]		[illegible]	8-9-67	1	12-6-68
SCH.		[illegible]	8-15-67	1	1-6-69
		[illegible]	3-15-67	1	7-10-68
ELECT.		E-7	10-16-67	2	3-11-68
PLUMB.		P-8	10-16-67	3	7-18-68
CONC.		S-11	8-11-68	3	12-6-68
		S-12	8-11-68	3	12-6-68

LEGEND OF SYMBOLS

ABBREVIATIONS	
	MAIN DESIGNATION
	BRANCH DESIGNATION
WMG	WATER MOTOR GONG
ABD	AUTO BALL DRIP.
FD	FLUSHING CONN.
FDC	FIRE DEPT. CONN.
ITC	ISP. TEST CONN.
C-C	CENTER TO CENTER
THS	THREAD BY GROOVE
PE	PLAIN END
RN	RISER NIPPLE
DN	DROP NIPPLE
OWS	OPEN WEB STEEL JOINT
WJ	WOOD JOIST
WF.BM	BEAM DESIGNATION S
CB	CONCRETE BEAM
COL	COLUMN
DO	DITTO
H.C.	HUNG CEILING
SG	SPRINKLER GUARD
AFF	ABOVE FINISHED FLOOR

INFORMATION ALONG PIPE LINES: HANGER (Type, Rod Length, Location); PIPE (Size, 2½, 9-10, Cut Length); ELEVATION (Below Slab or Top of Beam, 20, (18-1) Abv. Fin. Flr., Point On Up)

ALARM CHECK VALVE (A.V.)
DRY VALVE (D.V.)
D.V. WITH EXHAUSTER
WATER FLOW DETECTOR (W.F.D.)
O.S. & Y. GATE VALVE
CHECK VALVE
POST INDICATOR VALVE (P.I.V.)
WALL P.I.V.

STANDARD HANGERS: C-CLAMP; OFFSET C-CLAMP; 2 NUTS, WASHER; EXPANSION SHIELD; INSERT NUT; TOGGLE; LAG ROD; BEAM CLAMP; J-ROD; HORIZ. LAG BOLT; HORIZ. EXP. SHIELD; TRAPEZE BAR; YOKE STAND

SPRINKLER HEAD TABULATION

MFR'S. MODEL NO.	SIZE	TYPE	FINISH	SYMBOL	TEMPERATURE RATING 160°	212°	280°	
		UPRIGHT	BRASS					66
		PENDANT	BRASS					
		PENDANT	CHROME					16
		RECESS PENDANT	CHROME					90
		SIDE WALL	BRASS					18

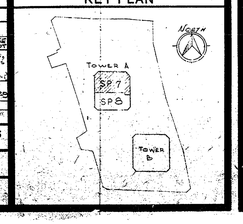
TOTAL SPRINKLERS ON THIS SHEET 187
TOTAL SPRINKLERS ON ENTIRE JOB

REVISIONS

NO	DATE	BY	DESCRIPTION
1	3-20-69	[illegible]	LOCATION OF 2" DRAIN W/VD AND GATE VALVE REV. SEE DETAIL B
6	APR 28/71	LM	SANITORIAL OFFICE AREA CHANGED (UPRIGHT TO 1/8 SIDEWALL PENDANT)
2	7-29-69	[illegible]	ADD: MEN'S RM., SHOWER, PORT LAVATORY, MAINS & LINES DESIGNATIONS & HANGERS. HEAD COUNT REV. (ADD 1 FL. PENDANT)
3	11-4-69	[illegible]	FOR CONTINUATION OF 3" MAIN IN PUMP RM. SEE SP8
4	6-5-70	[illegible]	ELEV. OF 2" PIPE S.G. CHANGED REV.
5	[illegible]	LM	[illegible]

ARCHITECT: MINORU YAMASAKI & ASSOCIATES EMORY ROTH & SONS
MECHANICAL ENGINEER: JAROS, BAUM & BOLLES
CUSTOMER: PORT OF NEW YORK AUTHORITY

KEY PLAN



COURTER-SAND-MARGOLIN
A JOINT VENTURE
30 CHURCH ST., NEW YORK, N. Y.

JOB
THE WORLD TRADE CENTER
THE PORT OF NEW YORK AUTHORITY

TITLE
SPRINKLER SYSTEM TOWER A NORTH
SERVICE LEVEL ELEV. 294-0

DRAWN BY	CHECKED BY	APPROVED BY	DWG. NO.
[illegible]	[illegible]		SP-7
DATE 2-13-69	JOB NO. WTC 512.00	SCALE 1/8"=1'-0"	OF 150

H-266-4